

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Attorney Docket No. 8190-288

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

MICROBEAM ASSEMBLY AND ASSOCIATED METHOD FOR INTEGRATED CIRCUIT INTERCONNECTION TO SUBSTRATES,

the specification of which

☒ is attached hereto

OR

☐ was filed on _____ as United States Application No. or PCT International Application Number
and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate, or of any PCT International application having a filing date before that of the application on which priority is claimed.

(None)			<input type="checkbox"/> Yes <input type="checkbox"/> No
Number	Country	MM/DD/YYYY Filed	Priority Claimed
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I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below.

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Application Number	Filing Date (MM/DD/YYYY)
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(None)		
Application No.	Filing Date	Status Patented/Pending/Abandoned
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Andrew Abeyta, Registration No. 39,528
Charles L. Rubow, Registration No. 24,631
John G. Shudy, Registration No. 18,984

Direct correspondence to the
attention of and telephone calls to:

W. Wayt King, Jr.
Registration No. 42,739
Tel Atlanta Office (404) 881 7000
Fax Atlanta Office (404) 881 7777

Full name of first inventor: **John Whittier Slemmons**

Inventor's
Signature: John Whittier Slemmons Date: 8/10/1999

Residence: Port Townsend, Washington

Citizenship: United States of America

Post Office Address: P.O. Box 3707, Mail Stop 1308
Seattle, Washington 98124-2007

Full name of
second inventor: **Jay Arthur Messner**

Inventor's
Signature: _____ Date: _____

Residence: Brea, California

Citizenship: United States of America

Post Office Address: P.O. Box 3707, Mail Stop 1308
Seattle, Washington 98124-2007

Full name of
third inventor: **Frank John Wooston**

Inventor's
Signature: _____ Date: _____

Residence: Santa Ana, California

Citizenship: United States of America

Post Office Address: P.O. Box 3707, Mail Stop 1308
Seattle, Washington 98124-2007

Full name of
fourth inventor: **Patrick Jordan Redmond**

Inventor's
Signature: _____ Date: _____

Residence: Tustin, California

Citizenship: United States of America

Post Office Address: P.O. Box 3707, Mail Stop 1308
Seattle, Washington 98124-2007

Full name of
fifth inventor: **Pierino Italo Zappella**

Inventor's
Signature: _____ Date: _____

Residence: Garden Grove, California

Citizenship: United States of America

Post Office Address: P.O. Box 3707, Mail Stop 1308
Seattle, Washington 98124-2007

Full name of
sixth inventor:

William Richard Fewer

Inventor's

Signature: _____ Date: _____

Residence: Diamond Bar, California

Citizenship: United States of America

Post Office Address: P.O. Box 3707, Mail Stop 1308
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CLT01/4371267v1

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Signature: _____ Date: _____

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Signature: _____ Date: _____

Residence: Tustin, California

Citizenship: United States of America

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Full name of
fifth inventor: **Pierino Italo Zappella**

Inventor's
Signature: _____ Date: _____

Residence: Garden Grove, California

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Registration No. 42,739
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Full name of first inventor: **John Whittier Slemmons**

Inventor's
Signature: _____ Date: _____

Residence: **Port Townsend, Washington**

Citizenship: **United States of America**

Post Office Address: **P.O. Box 3707, Mail Stop 1308
Seattle, Washington 98124-2007**

Full name of
second inventor: **Jay Arthur Messner**

Inventor's
Signature: _____ Date: _____

Residence: **Brea, California**

Citizenship: **United States of America**

Post Office Address: **P.O. Box 3707, Mail Stop 1308
Seattle, Washington 98124-2007**

Full name of
third inventor:

WOOLSTON *WJ*
Frank John Woolston

Inventor's
Signature:

Frank John Woolston Date: *June 26, 1999*

Residence:

Santa Ana, California

Citizenship:

United States of America

Post Office Address:

P.O. Box 3707, Mail Stop 1308
Seattle, Washington 98124-2007

Full name of
fourth inventor:

Patrick Jordan Redmond

Inventor's
Signature:

_____ Date: _____

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Citizenship:

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_____ Date: _____

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Citizenship:

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Full name of
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Inventor's
Signature: _____ Date: _____

Residence: Santa Ana, California

Citizenship: United States of America

Post Office Address: P.O. Box 3707, Mail Stop 1308
Seattle, Washington 98124-2007

Full name of
fourth inventor: **Patrick Jordan Redmond**

Inventor's
Signature: Patrick Jordan Redmond Date: 6-17-99

Residence: Tustin, California

Citizenship: United States of America

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(None)			<input type="checkbox"/> Yes <input type="checkbox"/> No
Number	Country	MM/DD/YYYY Filed	Priority Claimed
			<input type="checkbox"/> Yes <input type="checkbox"/> No
Number	Country	MM/DD/YYYY Filed	Priority Claimed
			<input type="checkbox"/> Yes <input type="checkbox"/> No
Number	Country	MM/DD/YYYY Filed	Priority Claimed

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below.

(None)	
Application Number	Filing Date (MM/DD/YYYY)
Application Number	Filing Date (MM/DD/YYYY)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application (37 C.F.R. § 1.63(d)).

(None)		
Application No.	Filing Date	Status Patented/Pending/Abandoned
Application No.	Filing Date	Status Patented/Pending/Abandoned
Application No.	Filing Date	Status Patented/Pending/Abandoned

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the practitioners associated with Honeywell, Inc. and with the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and direct that all correspondence be addressed to that Customer Number:

Customer Number 000826, and

Albert K. Kau, Registration No. 40,672
Andrew Abeyta, Registration No. 39,528
Charles L. Rubow, Registration No. 24,631
John G. Shudy, Registration No. 18,984

Direct correspondence to the
attention of and telephone calls to:

W. Wayt King, Jr.
Registration No. 42,739
Tel Atlanta Office (404) 881 7000
Fax Atlanta Office (404) 881 7777

Full name of first inventor: **John Whittier Slemmons**

Inventor's

Signature: _____ Date: _____

Residence: Port Townsend, Washington

Citizenship: United States of America

Post Office Address: P.O. Box 3707, Mail Stop 1308
Seattle, Washington 98124-2007

Full name of
second inventor:

Jay Arthur Messner

Inventor's

Signature: _____ Date: _____

Residence: Brea, California

Citizenship: United States of America

Post Office Address: P.O. Box 3707, Mail Stop 1308
Seattle, Washington 98124-2007

Full name of
third inventor: **Frank John Wooston**

Inventor's
Signature: _____ Date: _____

Residence: Santa Ana, California

Citizenship: United States of America

Post Office Address: P.O. Box 3707, Mail Stop 1308
Seattle, Washington 98124-2007

Full name of
fourth inventor: **Patrick Jordan Redmond**

Inventor's
Signature: _____ Date: _____

Residence: Tustin, California

Citizenship: United States of America

Post Office Address: P.O. Box 3707, Mail Stop 1308
Seattle, Washington 98124-2007

Full name of
fifth inventor: **Pierino Italo Zappella**

Inventor's
Signature: _____ Date: _____

Residence: Garden Grove, California

Citizenship: United States of America

Post Office Address: P.O. Box 3707, Mail Stop 1308
Seattle, Washington 98124-2007

Full name of
sixth inventor:

William Richard Fewer

Inventor's

Signature: William Richard Fewer Date: 06/17/99

Residence:

Diamond Bar, California

Citizenship:

United States of America

Post Office Address:

P.O. Box 3707, Mail Stop 1308
Seattle, Washington 98124-2007

CLT01/4371267v1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Slemmons, et al.
Appl. No.: 09/383,720
Filed: August 26, 1999
For: MICROBEAM ASSEMBLY AND
ASSOCIATED METHOD FOR INTEGRATED
CIRCUIT INTERCONNECTION TO
SUBSTRATES

Group Art Unit: 2835
Examiner: C. Arbes

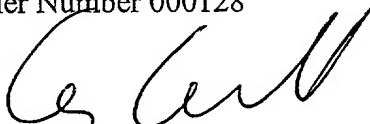
July 17, 2001

Commissioner for Patents
Washington, DC 20231

ASSOCIATE POWER OF ATTORNEY (37 C.F.R. § 1.34)

Please recognize as Associate Attorney in this case:

Kris T. Fredrick
Registration No. 42,554
Customer Number 000128



Signature of Principal Attorney of Record

Guy R. Gosnell

Registration No. 34,610

CUSTOMER NO. 000826

ALSTON & BIRD LLP

Bank of America Plaza

101 South Tryon Street, Suite 4000

Charlotte, NC 28280-4000

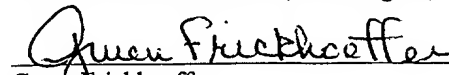
Tel Charlotte Office (704) 444-1000

Fax Charlotte Office (704) 444-1111

Date: 7/17/01

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Box Issue Fee, Commissioner for Patents, Washington, DC 20231, on **July 17, 2001**.



Gwen Frickhoeffter
CLT01/4487712v1

ASSIGNMENT

THIS ASSIGNMENT, made by us, **John Whittier Slemmons**, citizen of the United States of America, residing at 2250 Seaview Drive, Port Townsend, Jefferson County, Washington 98368; **Jay Arthur Messner**, citizen of the United States of America, residing at 172 Eastwood Place, Brea, Orange County, California 92821; **Frank John Woolston**, citizen of the United States of America, residing at 2513 North Linwood, Santa Ana, Orange County, California 92701; **Patrick Jordan Redmond**, citizen of the United States of America, residing at 12570 Wedgewood Circle, Tustin, Orange County, California 92780; **Pierino Italo Zappella**, citizen of the United States of America, residing at 10682 Teal Drive, Garden Grove, Orange County, California 92843; and **William Richard Fewer**, citizen of the United States of America, residing at 1833 Silverhawk Drive, Diamond Bar, Los Angeles County, California 91765, respectively;

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in **MICROBEAM ASSEMBLY AND ASSOCIATED METHOD FOR INTEGRATED CIRCUIT INTERCONNECTION TO SUBSTRATES** for which an application for United States Letters Patent has been executed by us concurrently herewith, and

WHEREAS, **Honeywell, Inc.**, a Delaware corporation having a principal place of business at Honeywell Plaza, Minneapolis, Minnesota 55408 USA, hereinafter referred to as assignee, is desirous of acquiring the entire right, title, and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

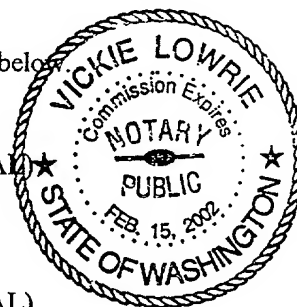
We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to bind our heirs, legal representatives, and assigns promptly to communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives.

IN WITNESS WHEREOF, we have hereunto set our hands and seals as dated below

Date 8/10/1999

John Whittier Slemmons (SEAL)
John Whittier Slemmons



Date _____

Jay Arthur Messner

(SEAL)

Date _____

Frank John Wooston

(SEAL)

Date _____

Patrick Jordan Redmond

(SEAL)

Date _____

Pierino Italo Zappella

(SEAL)

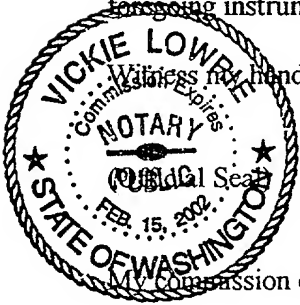
Date _____

William Richard Fewer

(SEAL)

STATE OF WA
COUNTY OF Jefferson

I, _____, a Notary Public for said County and State, do hereby certify that John Whittier Slemmons personally appeared before me this day acknowledged the due execution of the foregoing instrument.



Witness my hand and official seal, this the 10th day of Aug, 1999.

Vickie Lowrie
Notary Public

My commission expires: 2.15.2002

STATE OF _____
COUNTY OF _____

I, _____, a Notary Public for said County and State, do hereby certify that Jay Arthur Messner personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 1999.

(Official Seal) _____
Notary Public

My commission expires: _____

STATE OF _____
COUNTY OF _____

I, _____, a Notary Public for said County and State, do hereby certify that Frank John Wooston personally appeared before me this day acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 1999.

(Official Seal) _____
Notary Public

My commission expires: _____

STATE OF _____)
)
COUNTY OF _____)

I, _____, a Notary Public for said County and State, do hereby certify that Patrick Jordan Redmond personally appeared before me this day acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 1999.

(Official Seal)

Notary Public

My commission expires: _____

STATE OF _____)
)
COUNTY OF _____)

I, _____, a Notary Public for said County and State, do hereby certify that Pierino Italo Zappella personally appeared before me this day acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 1999.

(Official Seal)

Notary Public

My commission expires: _____

STATE OF _____)
)
COUNTY OF _____)

I, _____, a Notary Public for said County and State, do hereby certify that William Richard Fewer personally appeared before me this day acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 1999.

(Official Seal)

Notary Public

My commission expires: _____

CLT01/4369876v1

ASSIGNMENT

THIS ASSIGNMENT, made by us, **John Whittier Slemmons**, citizen of the United States of America, residing at 2250 Seaview Drive, Port Townsend, Jefferson County, Washington 98368; **Jay Arthur Messner**, citizen of the United States of America, residing at 172 Eastwood Place, Brea, Orange County, California 92821; **Frank John Woolston**, citizen of the United States of America, residing at 2513 North Linwood, Santa Ana, Orange County, California 92701; **Patrick Jordan Redmond**, citizen of the United States of America, residing at 12570 Wedgewood Circle, Tustin, Orange County, California 92780; **Pierino Italo Zappella**, citizen of the United States of America, residing at 10682 Teal Drive, Garden Grove, Orange County, California 92843; and **William Richard Fewer**, citizen of the United States of America, residing at 1833 Silverhawk Drive, Diamond Bar, Los Angeles County, California 91765, respectively;

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in **MICROBEAM ASSEMBLY AND ASSOCIATED METHOD FOR INTEGRATED CIRCUIT INTERCONNECTION TO SUBSTRATES** for which an application for United States Letters Patent has been executed by us concurrently herewith, and

WHEREAS, **Honeywell, Inc.**, a Delaware corporation having a principal place of business at Honeywell Plaza, Minneapolis, Minnesota 55408 USA, hereinafter referred to as assignee, is desirous of acquiring the entire right, title, and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to bind our heirs, legal representatives, and assigns promptly to communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives.

IN WITNESS WHEREOF, we have hereunto set our hands and seals as dated below.

Date John Whittier Slemmons (SEAL)

8/11/1999
Date  (SEAL)
Jay Arthur Messner

Date Frank John Wooston (SEAL)

Date Patrick Jordan Redmond (SEAL)

Date Pierino Italo Zappella (SEAL)

Date William Richard Fewer (SEAL)

STATE OF _____)
)
COUNTY OF _____)

I, _____, a Notary Public for said County and State, do hereby certify that John Whittier Slemmons personally appeared before me this day acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 1999.

(Official Seal)

Notary Public

My commission expires: _____

STATE OF CALIFORNIA)
)
COUNTY OF ORANGE)

I, Marion A. Sanchez, a Notary Public for said County and State, do hereby certify that Jay Arthur Messner personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

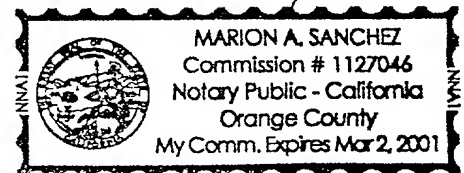
Witness my hand and official seal, this the 11th day of August, 1999.

(Official Seal)

Marion A. Sanchez
Notary Public

My commission expires: 03/02/01

STATE OF _____)
)
COUNTY OF _____)



I, _____, a Notary Public for said County and State, do hereby certify that Frank John Wooston personally appeared before me this day acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 1999.

(Official Seal)

Notary Public

My commission expires: _____

STATE OF _____)
)
COUNTY OF _____)

I, _____, a Notary Public for said County and State, do hereby certify that Patrick Jordan Redmond personally appeared before me this day acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 1999.

(Official Seal)

Notary Public

My commission expires: _____

STATE OF _____)
)
COUNTY OF _____)

I, _____, a Notary Public for said County and State, do hereby certify that Pierino Italo Zappella personally appeared before me this day acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 1999.

(Official Seal)

Notary Public

My commission expires: _____

STATE OF _____)
)
COUNTY OF _____)

I, _____, a Notary Public for said County and State, do hereby certify that William Richard Fewer personally appeared before me this day acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 1999.

(Official Seal)

Notary Public

My commission expires: _____

CLT01/4369876v1

ASSIGNMENT

THIS ASSIGNMENT, made by us, John Whittier Slemmons, citizen of the United States of America, residing at 2250 Seaview Drive, Port Townsend, Jefferson County, Washington 98368; Jay Arthur Messner, citizen of the United States of America, residing at 172 Eastwood Place, Brea, Orange County, California 92821; Frank John Woolston, citizen of the United States of America, residing at 2513 North Linwood, Santa Ana, Orange County, California 92701; Patrick Jordan Redmond, citizen of the United States of America, residing at 12570 Wedgewood Circle, Tustin, Orange County, California 92780; Pierino Italo Zappella, citizen of the United States of America, residing at 10682 Teal Drive, Garden Grove, Orange County, California 92843; and William Richard Fewer, citizen of the United States of America, residing at 1833 Silverhawk Drive, Diamond Bar, Los Angeles County, California 91765, respectively;

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in MICROBEAM ASSEMBLY AND ASSOCIATED METHOD FOR INTEGRATED CIRCUIT INTERCONNECTION TO SUBSTRATES for which an application for United States Letters Patent has been executed by us concurrently herewith, and

WHEREAS, Honeywell, Inc., a Delaware corporation having a principal place of business at Honeywell Plaza, Minneapolis, Minnesota 55408 USA, hereinafter referred to as assignee, is desirous of acquiring the entire right, title, and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to bind our heirs, legal representatives, and assigns promptly to communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives.

IN WITNESS WHEREOF, we have hereunto set our hands and seals as dated below.

Date John Whittier Slemmons (SEAL)

Date Jay Arthur Messner (SEAL)

✓ 6-25-99
Date Frank John Woolston (SEAL)
Woolston

Date Patrick Jordan Redmond (SEAL)

Date Pierino Italo Zappella (SEAL)

Date William Richard Fewer (SEAL)

STATE OF _____)
COUNTY OF _____)

I, _____, a Notary Public for said County and State, do hereby certify that John Whittier Slemmons personally appeared before me this day acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 1999.

(Official Seal)

Notary Public

My commission expires: _____

STATE OF _____)
COUNTY OF _____)

I, _____, a Notary Public for said County and State, do hereby certify that Jay Arthur Messner personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 1999.

(Official Seal)

Notary Public

My commission expires: _____

STATE OF California)
COUNTY OF Orange)

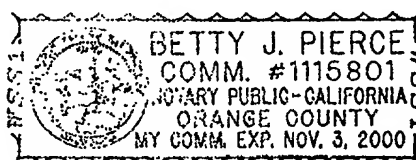
I, Betty J. Pierce, a Notary Public for said County and State, do hereby certify that Frank John Weoston personally appeared before me this day acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 25th day of June, 1999.

(Official Seal)

Betty J. Pierce
Notary Public

My commission expires: 11-03-2000



STATE OF _____)
)
COUNTY OF _____)

I, _____, a Notary Public for said County and State, do hereby certify that Patrick Jordan Redmond personally appeared before me this day acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 1999.

(Official Seal)

Notary Public

My commission expires: _____

STATE OF _____)
)
COUNTY OF _____)

I, _____, a Notary Public for said County and State, do hereby certify that Pierino Italo Zappella personally appeared before me this day acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 1999.

(Official Seal)

Notary Public

My commission expires: _____

STATE OF _____)
)
COUNTY OF _____)

I, _____, a Notary Public for said County and State, do hereby certify that William Richard Fewer personally appeared before me this day acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 1999.

(Official Seal)

Notary Public

My commission expires: _____

CLT01/4369876v1

ASSIGNMENT

THIS ASSIGNMENT, made by us, **John Whittier Slemmons**, citizen of the United States of America, residing at 2250 Seaview Drive, Port Townsend, Jefferson County, Washington 98368; **Jay Arthur Messner**, citizen of the United States of America, residing at 172 Eastwood Place, Brea, Orange County, California 92821; **Frank John Woolston**, citizen of the United States of America, residing at 2513 North Linwood, Santa Ana, Orange County, California 92701; **Patrick Jordan Redmond**, citizen of the United States of America, residing at 12570 Wedgewood Circle, Tustin, Orange County, California 92780; **Pierino Italo Zappella**, citizen of the United States of America, residing at 10682 Teal Drive, Garden Grove, Orange County, California 92843; and **William Richard Fewer**, citizen of the United States of America, residing at 1833 Silverhawk Drive, Diamond Bar, Los Angeles County, California 91765, respectively;

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in **MICROBEAM ASSEMBLY AND ASSOCIATED METHOD FOR INTEGRATED CIRCUIT INTERCONNECTION TO SUBSTRATES** for which an application for United States Letters Patent has been executed by us concurrently herewith, and

WHEREAS, **Honeywell, Inc.**, a Delaware corporation having a principal place of business at Honeywell Plaza, Minneapolis, Minnesota 55408 USA, hereinafter referred to as assignee, is desirous of acquiring the entire right, title, and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to bind our heirs, legal representatives, and assigns promptly to communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives.

IN WITNESS WHEREOF, we have hereunto set our hands and seals as dated below.

Date John Whittier Slemmons (SEAL)

Date Jay Arthur Messner (SEAL)

Date Frank John Wooston (SEAL)

6-17-99
Date Patrick Jordan Redmond



Date Pierino Italo Zappella (SEAL)

Date William Richard Fewer (SEAL)

STATE OF _____)
)
COUNTY OF _____)

I, _____, a Notary Public for said County and State, do hereby certify that John Whittier Slemmons personally appeared before me this day acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 1999.

(Official Seal)

Notary Public

My commission expires: _____

STATE OF _____)
)
COUNTY OF _____)

I, _____, a Notary Public for said County and State, do hereby certify that Jay Arthur Messner personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 1999.

(Official Seal)

Notary Public

My commission expires: _____

STATE OF _____)
)
COUNTY OF _____)

I, _____, a Notary Public for said County and State, do hereby certify that Frank John Wooston personally appeared before me this day acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 1999.

(Official Seal)

Notary Public

My commission expires: _____

STATE OF California)
COUNTY OF Orange)

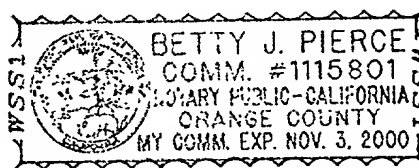
I, Betty J. Pierce, a Notary Public for said County and State, do hereby certify that Patrick Jordan Redmond personally appeared before me this day acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 17th day of June, 1999.

(Official Seal)

Betty J. Pierce
Notary Public

My commission expires: 11-03-99 CC by



STATE OF _____)
COUNTY OF _____)

I, _____, a Notary Public for said County and State, do hereby certify that Pierino Italo Zappella personally appeared before me this day acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 1999.

(Official Seal)

Notary Public

My commission expires: _____

STATE OF _____)
COUNTY OF _____)

I, _____, a Notary Public for said County and State, do hereby certify that William Richard Fewer personally appeared before me this day acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 1999.

(Official Seal)

Notary Public

My commission expires: _____

CLT01/4369876v1

ASSIGNMENT

THIS ASSIGNMENT, made by us, **John Whittier Slemmons**, citizen of the United States of America, residing at 2250 Seaview Drive, Port Townsend, Jefferson County, Washington 98368; **Jay Arthur Messner**, citizen of the United States of America, residing at 172 Eastwood Place, Brea, Orange County, California 92821; **Frank John Woolston**, citizen of the United States of America, residing at 2513 North Linwood, Santa Ana, Orange County, California 92701; **Patrick Jordan Redmond**, citizen of the United States of America, residing at 12570 Wedgewood Circle, Tustin, Orange County, California 92780; **Pierino Italo Zappella**, citizen of the United States of America, residing at 10682 Teal Drive, Garden Grove, Orange County, California 92843; and **William Richard Fewer**, citizen of the United States of America, residing at 1833 Silverhawk Drive, Diamond Bar, Los Angeles County, California 91765, respectively;

• WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in **MICROBEAM ASSEMBLY AND ASSOCIATED METHOD FOR INTEGRATED CIRCUIT INTERCONNECTION TO SUBSTRATES** for which an application for United States Letters Patent has been executed by us concurrently herewith, and

WHEREAS, **Honeywell, Inc.**, a Delaware corporation having a principal place of business at Honeywell Plaza, Minneapolis, Minnesota 55408 USA, hereinafter referred to as assignee, is desirous of acquiring the entire right, title, and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to bind our heirs, legal representatives, and assigns promptly to communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives.

IN WITNESS WHEREOF, we have hereunto set our hands and seals as dated below.

Date John Whittier Slemmons (SEAL)

Date Jay Arthur Messner (SEAL)

Date Frank John Wooston (SEAL)

Date Patrick Jordan Redmond (SEAL)

6/17/99
Date Pierino Italo Zappella (SEAL)

Date William Richard Fewer (SEAL)

STATE OF _____)

COUNTY OF _____)

I, _____, a Notary Public for said County and State, do hereby certify that John Whittier Slemmons personally appeared before me this day acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 1999.

(Official Seal)

Notary Public

My commission expires: _____

STATE OF _____)

COUNTY OF _____)

I, _____, a Notary Public for said County and State, do hereby certify that Jay Arthur Messner personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 1999.

(Official Seal)

Notary Public

My commission expires: _____

STATE OF _____)

COUNTY OF _____)

I, _____, a Notary Public for said County and State, do hereby certify that Frank John Wooston personally appeared before me this day acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 1999.

(Official Seal)

Notary Public

My commission expires: _____

STATE OF _____)
COUNTY OF _____)

I, _____, a Notary Public for said County and State, do hereby certify that Patrick Jordan Redmond personally appeared before me this day acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 1999.

(Official Seal)

Notary Public

My commission expires: _____

STATE OF California)
COUNTY OF Orange)

I, Betty J. Pierce, a Notary Public for said County and State, do hereby certify that Pierino Italo Zappella personally appeared before me this day acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 17th day of June, 1999.

(Official Seal)

Betty J. Pierce
Notary Public

My commission expires: 11-03-2000

STATE OF _____)
COUNTY OF _____)



I, _____, a Notary Public for said County and State, do hereby certify that William Richard Fewer personally appeared before me this day acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 1999.

(Official Seal)

Notary Public

My commission expires: _____
CLT01/4369876v1

ASSIGNMENT

THIS ASSIGNMENT, made by us, **John Whittier Slemmons**, citizen of the United States of America, residing at 2250 Seaview Drive, Port Townsend, Jefferson County, Washington 98368; **Jay Arthur Messner**, citizen of the United States of America, residing at 172 Eastwood Place, Brea, Orange County, California 92821; **Frank John Woolston**, citizen of the United States of America, residing at 2513 North Linwood, Santa Ana, Orange County, California 92701; **Patrick Jordan Redmond**, citizen of the United States of America, residing at 12570 Wedgewood Circle, Tustin, Orange County, California 92780; **Pierino Italo Zappella**, citizen of the United States of America, residing at 10682 Teal Drive, Garden Grove, Orange County, California 92843; and **William Richard Fewer**, citizen of the United States of America, residing at 1833 Silverhawk Drive, Diamond Bar, Los Angeles County, California 91765, respectively;

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in **MICROBEAM ASSEMBLY AND ASSOCIATED METHOD FOR INTEGRATED CIRCUIT INTERCONNECTION TO SUBSTRATES** for which an application for United States Letters Patent has been executed by us concurrently herewith, and

WHEREAS, **Honeywell, Inc.**, a Delaware corporation having a principal place of business at Honeywell Plaza, Minneapolis, Minnesota 55408 USA, hereinafter referred to as assignee, is desirous of acquiring the entire right, title, and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to bind our heirs, legal representatives, and assigns promptly to communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives.

IN WITNESS WHEREOF, we have hereunto set our hands and seals as dated below.

Date John Whittier Slemmons (SEAL)

Date Jay Arthur Messner (SEAL)

Date Frank John Wooston (SEAL)

Date Patrick Jordan Redmond (SEAL)

Date Pierino Italo Zappella (SEAL)

06/17/1999
Date William Richard Fewer (SEAL)
William Richard Fewer

STATE OF _____)
)
COUNTY OF _____)

I, _____, a Notary Public for said County and State, do hereby certify that John Whittier Slemmons personally appeared before me this day acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 1999.

(Official Seal)

Notary Public

My commission expires: _____

STATE OF _____)
)
COUNTY OF _____)

I, _____, a Notary Public for said County and State, do hereby certify that Jay Arthur Messner personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 1999.

(Official Seal)

Notary Public

My commission expires: _____

STATE OF _____)
)
COUNTY OF _____)

I, _____, a Notary Public for said County and State, do hereby certify that Frank John Wooston personally appeared before me this day acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 1999.

(Official Seal)

Notary Public

My commission expires: _____

STATE OF _____)

COUNTY OF _____)

I, _____, a Notary Public for said County and State, do hereby certify that Patrick Jordan Redmond personally appeared before me this day acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 1999.

(Official Seal)

Notary Public

My commission expires: _____

STATE OF _____)

COUNTY OF _____)

I, _____, a Notary Public for said County and State, do hereby certify that Pierino Italo Zappella personally appeared before me this day acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 1999.

(Official Seal)

Notary Public

My commission expires: _____

STATE OF California)

COUNTY OF Orange)

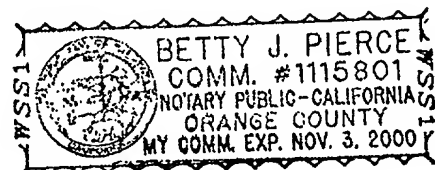
I, Betty J. Pierce, a Notary Public for said County and State, do hereby certify that William Richard Fewer personally appeared before me this day acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 17th day of June, 1999.

(Official Seal)

Betty J. Pierce
Notary Public

My commission expires: 11-03-2000
CLT01/4369876v1



<p align="center">CHANGE OF CORRESPONDENCE ADDRESS <i>Application</i></p> <p>Address to: Commissioner for Patents Washington, D.C. 20231</p>	Application Number	09/383,720
	Filing Date	August 26, 1999
	First Named Inventor	Slemmons, et al.
	Group Art Unit	2835
	Examiner Name	C. Arbes
	Attorney Docket Number	08190.0288.0

Please change the Corresponding Address for the above-identified application to:



Customer Number

000128

Type Customer Number here

*Place Customer
Number Bar Code
Label here*

OR

<input checked="" type="checkbox"/> Firm or Individual Name	Kris T. Fredrick, Esq. Honeywell International, Inc.				
Address	101 Columbia Road				
Address	P. O. Box 2245				
City	Morristown	State	NJ	ZIP	07962-2245
Country	USA				
Telephone	612 951 6029	Fax			

This form cannot be used to change the data associated with a Customer Number. To change the data associated with an existing Customer Number use "Request for Customer Number Data Change" (PTO/SB/124).

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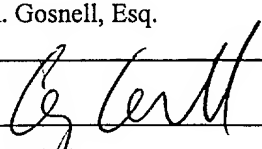
Applicant.



Assignee of record of the entire interest.
Certificate under 37 CFR 3.73(b) is enclosed.



Attorney or agent of record.

Typed or Printed Name	Guy R. Gosnell, Esq.
Signature	
Date	July 17, 2001